

ABSTRACT

Apparatus suitable for use in reciprocally opening and closing a camshaft-actuated valve may include a rotating camshaft (20) having first and second cams (16, 17, 18) respectively defining first and second amounts of valve opening distance. A cam follower (10, 11, 12) may be defined on a mounting pin (24) so as to operatively engage the first and second cams in an alternating manner. At a first rotational position of the cam follower relative to the camshaft, the cam follower operatively engages the first cam and generates the first amount of valve opening distance. At a second rotational position, the cam follower operatively engages the second cam and generates the second amount of valve opening distance. A valve lever (6) transmits the respective generated first and second amounts of valve opening distance to the valve. A locking device (50) releasably locks the mounting pin and cam follower in the respective first and second rotational positions.